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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bert Zauderer

Group Art unit: 1742

Appln. No. : 10/820,065

Examiner: Unknown

Filed : April 8, 2004

For : **PRODUCTION OF HYDROGEN AND REMOVAL AND
SEQUESTRATION OF CARBON DIOXIDE FROM COAL-FIRED
FURNACES AND BOILERS**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria VA 22314

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §§ 1.56 and 1.97-1.99, Applicant hereby call the following to the Examiner's attention.

Several references provided below do not include date information, or complete date information, including copyright notations only (which may or may not be the date in which such publications became available to the public). Applicant reserves the right to provide such information at a later date. References were also disclosed in the specification, of which additional information may be unavailable.

- (1) Emissions of Greenhouse Gasses in the United States 2003, February 2005;
- (2) Reconstructing Climatic And Environmental Changes Of the Past 1000 Years: A Reappraisal, pg. 233, Willie Soon et al.;
- (3) Report in Brief "Abrupt Climate Change: Inevitable Surprises", The National Academies, Copyright 2004, (publication date unknown);
- (4) Climate Change Science, An Analysis of Some Key Questions, (Author

- unknown), National Academy Press, Washington, D.C.;
- (5) Carbon Dioxide Disposal In Minerals From Keeping Coal Competitive, Klaus S. Lackner et al., Los Alamos National Laboratory, November 1997;
 - (6) Climate Change Prediction Program, website:
<http://www.sc.doe.gov/ober/CCRD/model.html>, (publication date unknown);
 - (7) The Kyoto Protocol is a Hot Issue; by Francis Dietz, Mechanical engineering: Washington window, Copyright 6/99 (Publication date unknown);
 - (8) "Why not a 40-mpg SUV? Technologies that would curb gas-guzzling by sport-utility vehicles are well advanced in the lab. Just don't bother looking for them at your local dealer anytime soon.", Technology Review (Cambridge, Mass), November, 2002 by Mark Fischetti;
 - (9) Form EIA-860A Database, Annual Electric Generator Report—Utility, (publication date unknown);
 - (10) Analysis of Strategies for Reducing Multiple Emissions from Power Plants: Sulfur Dioxide, Nitrogen Oxides, and Carbon Dioxide, December 2000, Energy Information Administration; Office of Integrated Analysis and Forecasting U.S. Department of Energy, Washington D.C.;
 - (11) Carbon Sequestration; Technology Roadmap and Program Plan, March 12, 2003, U.S. DOE Office of Fossil Energy National Energy Technology Laboratory, pg. 5;
 - (12) Carbon Sequestration; State of the Science; A working paper for roadmapping future carbon sequestration R&D, February 1999, (publication date unknown);
 - (13) Technical Progress in the Development of Zero Emission Coal Technologies, H.-J. Ziok et al., pg. 1, 3 and 4;
 - (14) Introductory College Chemistry, Second Edition, Joseph A. Babor and Alexander Lehrman, Thomas Y. Crowell Company, New York

- 1950, pg 248, 249 and 659;
- (15) Renewable Energy; Sources for Fuels and Electricity, Island Press, pgs. 747 and table 4;
 - (16) Volume II- Technical Application; CoalTech Corp. Solicitation Number DE-PS26-02NT41422-3, Novel Hybrid Gasification/Combustion Combined Gas/Vapor Turbine Cycles with Coal/Biomass; February 3, 2002, pgs 1-4;
 - (17) Feasibility of Corn Residue Collection in Kearney, Nebraska Area; Report of Findings; April 1993; Renee Sayler et al.;
 - (18) H² RV-Ford Hydrogen Hybrid Research Vehicle: A Bridge To A Hydrogen-Fueled Future; Ford Motor Company-Press Release, Shanghai, October 13, (year unknown), pgs 1-3;

Each of the above-cited documents are listed on the enclosed completed copy of the PTO-1449 Form. Accordingly, the Examiner is requested to consider these documents and to indicate such consideration by returning a signed and initialed copy of the PTO-1449 Form with the first official communication.

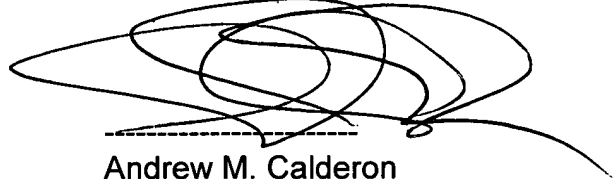
Applicant respectfully requests that the Examiner consider the materials cited and indicate such consideration by appropriately initialing the enclosed PTO-1449 Form and including a copy of the initialed form in the next official communication.

Applicant notes that this Information Disclosure Statement is being filed after receipt of the first action on the merits from the U.S. Patent and Trademark Office and prior to the mailing date of either a final rejection under 37 C.F.R. 1.113 or a Notice of Allowance under 37 C.F.R. 1.311. Accordingly, Applicant encloses herewith a check including the amount of \$ 180.00 to ensure consideration of the enclosed documents under 37 C.F.R. 1.97(c).

P27168.A03

Should there be any questions concerning this application, the Examiner is invited to contact the undersigned at the below listed telephone number.

Respectfully submitted,
Bert Zauderer

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

Andrew M. Calderon
Reg. No. 38,093

September 6, 2005
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
703-716-1191

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P26760Application No.
10/820,065INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Bert ZAUDERERFiling Date
April 8, 2004Group
1742

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	Emissions of Greenhouse Gasses in the United States 2003, February 2005.
2	Reconstructing Climatic And Environmental Changes Of the Past 1000 Years: A Reappraisal, pg. 233, Willie Soon et al.
3	Report in Brief "Abrupt Climate Change: Inevitable Surprises", The National Academies, Copyright 2004, (publication date unknown).
4	Climate Change Science, An Analysis of Some Key Questions, (Author unknown), National Academy Press, Washington D.C.
5	Carbon Dioxide Disposal In Minerals From Keeping Coal Competitive, Klaus S. Lackner et al., Los Alamos National Laboratory, November 1997.
6	Climate Change Prediction Program, website: http://www.sc.doe.gov/ober/CCRD/model.html (publication date unknown).
7	The Kyoto Protocol is a Hot Issue; by Francis Dietz, Mechanical engineering: Washington window, Copyright 6/99 (Publication date unknown).
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9	Form EIA-860A Database, Annual Electric Generator Report—Utility, (publication date unknown).
10	Analysis of Strategies for Reducing Multiple Emissions from Power Plants: Sulfur Dioxide, Nitrogen Oxides, and Carbon Dioxide, December 2000, Energy Information Administration; Office of Integrated Analysis and Forecasting U.S. Department of Energy, Washington D.C.
11	Carbon Sequestration; Technology Roadmap and Program Plan, March 2, 2003, 1 U.S. DOE Office of Fossil Energy National Energy Technology Laboratory, pg. 5.
12	Carbon Sequestration; State of the Science; A working paper for roadmapping future carbon sequestration R&D, February 1999, (publication date unknown).
13	Technical Progress in the Development of Zero Emission Coal Technologies, H.-J. Ziok et al., pg. 1, 3 and 4.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. Department of Commerce
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Atty. Docket No.
P26760

Application No.
10/820,065

(Use several sheets if necessary)

Applicant
Bert ZAUDERER

Filing Date
April 8, 2004

Group
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U.S. PATENT DOCUMENTS

EXAMINER
INITIAL

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DOCUMENT NUMBER

DATE _____

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FOREIGN PATENT DOCUMENTS

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COUNTRY

CLASS

SUBCLASS

TRANSLATION
YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

14

Introductory College Chemistry, Second Edition, Joseph A. Babor and Alexander Lehrman,
Thomas Y. Crowell Company, New York 1950, pg 248, 249 and 659.

15

Renewable Energy; Sources for Fuels and Electricity, Island Press, pgs. 747 and table 4.

16

Volume II- Technical Application; CoalTech Corp. Solicitation Number DE- PS26-02NT41422-3,
Novel Hybrid Gasification/Combustion Combined Gas/Vapor Turbine Cycles with Coal/Biomass,
February 3, 2002, pgs 1-4.

17

Feasibility of Corn Residue Collection in Kearney, Nebraska Area; Report of Findings; April 1993; Renee Sayler et al.

18

H² RV-Ford Hydrogen Hybrid Research Vehicle: A Bridge To A Hydrogen-Fueled Future; Ford Motor Company-Press Release, Shanghai, October 13, (year unknown), pgs 1-3.

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